

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: University of Connecticut Department of Environmental Health and Safety 3102 Horsebarn Hill Road, Unit 4097 Storrs, Connecticut 06269-4097 REPORT NUMBER(S) 2012001		2. NRC/REGIONAL OFFICE  <b>U.S. Nuclear Regulatory Commission Region I, 475 Allendale Road King of Prussia, Pennsylvania 19406-1415</b>	
3. DOCKET NUMBER(S) 03010576	4. LICENSE NUMBER(S) 06-01450-47	5. DATE(S) OF INSPECTION 5/9, 5/23, 6/9/2012 add. Info. 6/26/2012	

## LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- ☐ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☒ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

**x** Non-cited violation(s) were discussed involving the following requirement(s) and corrective action(s):

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- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with the NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11. (Violations and Corrective Actions)

## Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Thomas K. Thompson	/RA/	06/26/12
BRANCH CHIEF	Judith A. Joustra	/RA/	06/27/12

SUNSI Review Completed By: / RA / T. K. Thompson

☒ Public ☒ Non-Sensitive

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(Continued)

License Condition 29 of License No. 06-01450-47 requires the licensee to conduct its program in accordance with the statements, representations and procedures contained in their application dated August 31, 2005. In that application the licensee Attachment 8.10.6-2, Item 6, states that one of the responsibilities of the licensed investigators is to comply with University regulations governing the use of radioactive materials. The University procedures VII. C. 2. of their August 31, 2005 application, states that no radioactive material may be transferred or used on another campus or outside of the University of Connecticut except as provided in the University's NRC license. It states the RSO shall be contacted for such transfers and uses. It further states that the Radiation Safety Office will prepare all packages for off-site shipment to ensure compliance with regulations.

Contrary to this, a licensee licensed investigator shipped approximately 7 nanocuries of H-3 to a professor at Purdue University on or about September 15, 2011 without contacting the RSO and without having the package prepared by the Radiation Safety Office.

You documented in your June 26, 2012, correspondence, that you have taken the following corrective and preventative actions:

1. A University violation letter was issued to the Licensed Investigator by the Radiation Safety Officer on November 23, 2011. The Licensed Investigator was not permitted to order radioactive material until detailed information regarding the shipment was provided.
2. A subsequent thorough investigation was performed by the Radiation Safety Officer and University Management.
3. Representatives from Management met with the Licensed Investigator to reinforce University policy.
4. After subsequent investigation by outside agencies, the Radiation Safety Committee issued a violation letter to the Licensed Investigator member on March 30, 2012 to reinforce University policy.
5. The Radiation Safety Officer conducted a refresher training session with the Licensed Investigator and his laboratory personnel on May 16, 2012 to reinforce the University policy pertaining to radioactive material shipments and control of radioactive material.
6. Since the beginning of 2012; the Radiation Safety Officer has included the topics of radioactive material ordering, shipping, and transfer policies in refresher trainings conducted with authorized radioactive material users at the University. The policies will be reinforced with all other Licensed Investigators in their next refresher training. The policies were already part of the topics covered in the initial radiation safety training course.